CBX-CBL/CD147 CONSTATEMENT UNDER 37 C.F.R. § 1.68

We,

- (1) C. Geoffrey Davis,
- (2) Russell Wayne Blacher,
- (3) Jose Ramon Corvalan,
- (4) Alan Rhodes Culwell,
- (5) Larry L. Green,
- (6) Joanna Hales,
- (7) Nancy Havrilla,
- (8) Vladimir E. Ivanov,
- (9) John A. Lipani,
- (10) Qiang Liu,
- (11) Richard F. Weber, and
- (12) Xiao-Dong Yang,

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declare:

That we made and conceived the invention described and claimed in patent application:

Serial Number 09/784,950 filed in the United States of America on February 15, 2000
titled CD 147 Binding Molecules as Therapeutics

That we made and conceived this invention while employed by Abgenix, Inc.
That the invention is related to the work we are employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Abgenix, Inc. Another relevant fact is that the invention relates to molecules that bind CD 147 (a molecule that is expressed on certain cells, such as T-cells, B-cells and/or monocytes). We do not believe the invention disclosed in this application is useful in the production or utilization of nuclear material or atomic energy.

That to the best of my our knowledge and belief:

The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

AND

The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

Full name of Fifth Inventor Larry L. Green

Fifth Inventor's signature _____

Residence 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Date _____

Citizenship _____

Post Office Address 70 Crestline Dr., Apt. 12, San Francisco, CA 94141

Full name of Sixth Inventor Joanna Hales

Sixth Inventor's signature _____

Residence 5180 Selma Avenue, Fremont, CA 94536

Date _____

Citizenship _____

Post Office Address 5180 Selma Avenue, Fremont, CA 94536

Full name of Seventh Inventor Nancy Havrilla

Seventh Inventor's signature Nancy Havrilla

20 Jun - 2001
Date

Residence 6 Marlin Cove, Oakland, CA 94618

Citizenship _____

Post Office Address 6 Marlin Cove, Oakland, CA 94618

Full name of Eighth Inventor Vladimir E. Ivanov

Eighth Inventor's signature Vladimir E. Ivanov

June 20, 2001
Date

Residence 4275 Tanager Common, Fremont, CA 94555

Citizenship RUSSIA

Post Office Address 4275 Tanager Common, Fremont, CA 94555

Full name of Ninth Inventor John A. Lipani

Ninth Inventor's signature _____

Residence 2263 Latour Avenue, Livermore, CA 94550

Date _____

Citizenship _____

Post Office Address 2263 Latour Avenue, Livermore, CA 94550

Full name of Tenth Inventor Qiang Liu

Tenth Inventor's signature _____

Residence 55 Williams Lane, Foster City, CA 94404

Date _____

Citizenship _____

Post Office Address 55 Williams Lane, Foster City, CA 94404Full name of Eleventh Inventor Richard F. Weber

Eleventh Inventor's signature _____

Residence 2537 Pacheco Street, San Francisco, CA 94116

Date _____

Citizenship _____

Post Office Address 2537 Pacheco Street, San Francisco, CA 94116Full name of Twelfth Inventor Xiao-Dong Yang

Twelfth Inventor's signature _____

Residence 2833 Bryant Street, Palo Alto, CA 94306

Date _____

Citizenship _____

Post Office Address 2833 Bryant Street, Palo Alto, CA 94306



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DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

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CD147 BINDING MOLECULES AS THERAPEUTICS

the specification of which

(check ☐ is attached hereto
one)

☒ was filed on February 15, 2001
as Application Serial No. 09/784,950
and was amended on _____
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inventor's certificate having a filing date before that of the application on which priority is claimed:

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Send correspondence to:

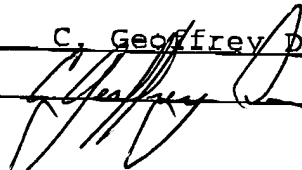
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Full name of first inventor C. Geoffrey Davis

First Inventor's signature 

6/18/01
Date

Residence 1132 Vancouver Avenue, Burlingame, CA 94010

Citizenship United States

Post Office Address 1132 Vancouver Avenue,
Burlingame, CA 94010

Full name of second joint inventor Russell W. Blacher

Second Inventor's signature _____

Date

Residence 16800 Columbia Drive, Castro Valley, CA 94552

Citizenship United States

Post Office Address 16800 Columbia Drive,
Castro Valley, CA 94552

Full name of third joint inventor Jose R. Corvalan

Third Inventor's signature _____

_____ Date

Residence 125 Williams Lane, Foster City, CA 94404

Citizenship United States

Post Office Address 125 Williams Lane, Foster City, CA 94404

Full name of fourth inventor Alan R. Culwell

Fourth Inventor's signature _____

_____ Date

Residence 290A Hemlock Avenue, Carlsbad, CA 92008

Citizenship United States

Post Office Address 290A Hemlock Avenue, Carlsbad, CA 92008

Full name of fifth joint inventor Larry L. Green

Fifth Inventor's signature Larry L. Green

6/21/01
Date

Residence 70 Crestline Dr. Apt. 12, San Francisco, CA 94131

Citizenship United States

Post Office Address 70 Crestline Dr., Apt. 12,
San Francisco, CA 94131

Full name of sixth joint inventor Joanne Hales

Sixth Inventor's signature _____

_____ Date

Residence 5180 Selma Avenue, Fremont, CA 94536

Citizenship Great Britain

Post Office Address 5180 Selma Avenue, Fremont, CA 94536

Full name of seventh joint inventor Nancy Havrilla
Seventh Inventor's signature Nancy Havrilla 20-Jun-2001
Date

Residence 6 Marlin Cove, Oakland, CA 94618
Citizenship United States
Post Office Address 6 Marlin Cove, Oakland, CA 94618

Full name of eighth joint inventor Vladimir E. Ivanov
Eighth Inventor's signature Vladimir E. Ivanov 06/20/01
Date

Residence 4275 Tanager Common, Fremont, CA 94555
Citizenship Russia
Post Office Address 4275 Tanager Common, Fremont, CA 94555

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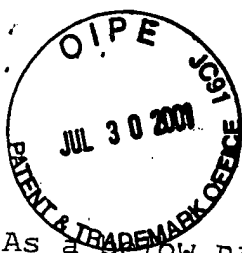
Full name of eleventh joint inventor Richard F. Weber
Eleventh Inventor's signature _____

Date

Residence 2537 Pacheco Street, San Francisco, CA 94116Citizenship United StatesPost Office Address 2537 Pacheco Street, San Francisco, CA 94116Full name of twelfth joint inventor Xiao-Dong YangTwelfth Inventor's signature Xiaodong 6/22/01

Date

Residence 2833 Bryant Street, Palo Alto, CA 94306Citizenship ChinaPost Office Address 2833 Bryant Street, Palo Alto, CA 94306



ABX-CBL/CD147 CON

DECLARATION AND POWER OF ATTORNEY
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CD147 BINDING MOLECULES AS THERAPEUTICS

the specification of which

(check ☐ is attached hereto
one)

☒ was filed on February 15, 2001
as Application Serial No. 09/784,950
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Send correspondence to:

James F. Haley, Jr., Esq.
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First Inventor's signature _____ Date _____

Residence 1132 Vancouver Avenue, Burlingame, CA 94010

Citizenship United States

Post Office Address 1132 Vancouver Avenue,
Burlingame, CA 94010

Full name of second joint inventor Russell W. Blacher

Second Inventor's signature _____ Date _____

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Third Inventor's signature _____ Date _____

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Full name of fourth inventor Alan R. Culwell
Fourth Inventor's signature _____ Date _____

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Full name of fifth joint inventor Larry L. Green
Fifth Inventor's signature _____ Date _____

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Full name of sixth joint inventor Joanne Hales
Sixth Inventor's signature _____ Date _____

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Citizenship Great Britain

Post Office Address 5180 Selma Avenue, Fremont, CA 94536

Full name of seventh joint inventor Nancy Havrilla
Seventh Inventor's signature _____

Date _____

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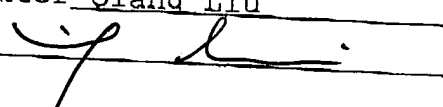
Full name of ninth joint inventor John A. Dipani
Ninth Inventor's signature _____

Date _____

Residence 2263 Latour Avenue, Livermore, CA 94550

Citizenship United States

Post Office Address 2263 Latour Avenue, Livermore, CA 94550

Full name of tenth joint inventor Qiang Liu
Tenth Inventor's signature  7/2/01

Date

Residence 55 Williams Lane, Foster City, CA 94404

Citizenship China US

Post Office Address 55 Williams Lane, Foster City, CA 94404

Full name of eleventh joint inventor Richard F. Weber
Eleventh Inventor's signature _____

Date _____

Residence 2537 Pacheco Street, San Francisco, CA 94116

Citizenship United States

Post Office Address 2537 Pacheco Street, San Francisco, CA 94116

Full name of twelfth joint inventor Xiao-Dong Yang

Twelfth Inventor's signature _____

Date _____

Residence 2833 Bryant Street, Palo Alto, CA 94306

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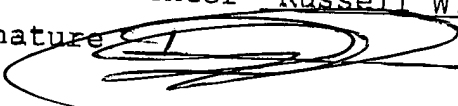
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First Inventor's signature _____ Date _____

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Citizenship United States
Post Office Address 1132 Vancouver Avenue,
Burlingame, CA 94010

Full name of second joint inventor Russell W. Blacher
Second Inventor's signature  _____ Date 7/1/01

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Date _____

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(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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<u>Margaret A. Pierri (Reg. No. 30,709)</u>
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<u>Gloria M. Fuentes (Reg. No. 47,580)</u>

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New York, New York 10020-1104

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Full name of first inventor C. Geoffrey Davis

First Inventor's signature _____

_____ Date

Residence 1132 Vancouver Avenue, Burlingame, CA 94010

Citizenship United States

Post Office Address 1132 Vancouver Avenue,
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_____ Date

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Date

Residence 125 Williams Lane, Foster City, CA 94404

Citizenship United States

Post Office Address 125 Williams Lane, Foster City, CA 94404

Full name of fourth inventor Alan R. Culwell

Fourth Inventor's signature Alan R. Culwell 6-29-01
Date

Residence 3084 Rancho La Presa 92009
~~290A Hemlock Avenue, Carlsbad, CA 92008~~

Citizenship United States

Post Office Address 290A Hemlock Avenue, Carlsbad, CA 92008
3084 Rancho La Presa 92009

Full name of fifth joint inventor Larry L. Green

Fifth Inventor's signature _____

Date

Residence 70 Crestline Dr. Apt. 12, San Francisco, CA 94131

Citizenship United States

Post Office Address 70 Crestline Dr., Apt. 12,
San Francisco, CA 94131

Full name of sixth joint inventor Joanne Hales

Sixth Inventor's signature _____

Date

Residence 5180 Selma Avenue, Fremont, CA 94536

Citizenship Great Britain

Post Office Address 5180 Selma Avenue, Fremont, CA 94536

Full name of seventh joint inventor Nancy Havrilla
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Citizenship Russia

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Full name of ninth joint inventor John A. Dipani
Ninth Inventor's signature _____

Date _____

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Full name of tenth joint inventor Qiang Liu
Tenth Inventor's signature _____

Date _____

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Full name of eleventh joint inventor Richard F. Weber
Eleventh Inventor's signature _____

Date _____

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Full name of twelfth joint inventor Xiao-Dong Yang
Twelfth Inventor's signature _____

Date _____

Residence 2833 Bryant Street, Palo Alto, CA 94306Citizenship ChinaPost Office Address 2833 Bryant Street, Palo Alto, CA 94306



ABX-CBL/CD147 CON

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CD147 BINDING MOLECULES AS THERAPEUTICS

the specification of which

(check ☐ is attached hereto
one)

☒ was filed on February 15, 2001
as Application Serial No. 09/784,950
and was amended on _____
(if applicable)

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(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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Citizenship United States

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Second Inventor's signature  _____ Date 7/1/01

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Eleventh Inventor's signature _____

Date _____

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Twelfth Inventor's signature _____

Date _____

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ABX-CBL/CD147 CON

DECLARATION AND POWER OF ATTORNEY
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CD147 BINDING MOLECULES AS THERAPEUTICS

the specification of which

(check ☐ is attached hereto
one)

☒ [X] was filed on February 15, 2001
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Post Office Address 2263 Latour Avenue, Livermore, CA 94550

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Tenth Inventor's signature _____ Date _____

Residence 55 Williams Lane, Foster City, CA 94404
Citizenship China
Post Office Address 55 Williams Lane, Foster City, CA 94404

Full name of eleventh joint inventor Richard F. Weber
Eleventh Inventor's signature [Signature]

6/25/01
Date

Residence 2537 Pacheco Street, San Francisco, CA 94116
Citizenship United States

Post Office Address 2537 Pacheco Street, San Francisco, CA
94116

Full name of twelfth joint inventor Xiao-Dong Yang
Twelfth Inventor's signature _____

Date

Residence 2833 Bryant Street, Palo Alto, CA 94306
Citizenship China

Post Office Address 2833 Bryant Street, Palo Alto, CA 94306



ABX-CBL/CD147 CON

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Sixth Inventor's signature Joanna Hales

6/19/01
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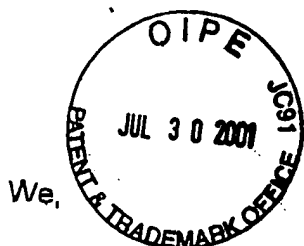
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 Twelfth Inventor's signature _____

 Date

Residence 2833 Bryant Street, Palo Alto, CA 94306
 Citizenship China

Post Office Address 2833 Bryant Street, Palo Alto, CA 94306

CBX-CBL/CD147 CONSTATEMENT UNDER 37 C.F.R. § 1.68

We,

- (1) C. Geoffrey Davis,
- (2) Russell Wayne Blacher,
- (3) Jose Ramon Corvalan,
- (4) Alan Rhodes Culwell,
- (5) Larry L. Green,
- (6) Joanna Hales,
- (7) Nancy Havrilla,
- (8) Vladimir E. Ivanov,
- (9) John A. Lipani,
- (10) Qiang Liu,
- (11) Richard F. Weber, and
- (12) Xiao-Dong Yang,

RECEIVED
AUG 20 2001
TECH CENTER 1600/2900

declare:

That we made and conceived the invention described and claimed in patent application:

Serial Number 09/784,950 filed in the United States of America on February 15, 2000
titled CD 147 Binding Molecules as Therapeutics

That we made and conceived this invention while employed by Abgenix, Inc.
That the invention is related to the work we are employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Abgenix, Inc. Another relevant fact is that the invention relates to molecules that bind CD 147 (a molecule that is expressed on certain cells, such as T-cells, B-cells and/or monocytes). We do not believe the invention disclosed in this application is useful in the production or utilization of nuclear material or atomic energy.

That to the best of my our knowledge and belief:

The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

AND

The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

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First Inventor's signature _____

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Date

Citizenship _____

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Full name of Second Inventor Russell Wayne Blacher

Second Inventor's signature _____

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Date

Citizenship _____

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Full name of Third Inventor José Ramon Corvalan

Third Inventor's signature _____

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Date

Citizenship _____

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Fourth Inventor's signature _____

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Full name of Sixth Inventor Joanna Hales

Sixth Inventor's signature _____

Residence 5180 Selma Avenue, Fremont, CA 94536

Date _____

Citizenship _____

Post Office Address 5180 Selma Avenue, Fremont, CA 94536

Full name of Seventh Inventor Nancy Havrilla

Seventh Inventor's signature _____

Residence 6 Marlin Cove, Oakland, CA 94618

Date _____

Citizenship _____

Post Office Address 6 Marlin Cove, Oakland, CA 94618

Full name of Eighth Inventor Vladimir E. Ivanov

Eighth Inventor's signature _____

Residence 4275 Tanager Common, Fremont, CA 94555

Date _____

Citizenship _____

Post Office Address 4275 Tanager Common, Fremont, CA 94555

Full name of Ninth Inventor John Akipani

Ninth Inventor's signature _____

Residence 2263 Latour Avenue, Livermore, CA 94550

Date _____

Citizenship _____

Post Office Address 2263 Latour Avenue, Livermore, CA 94550



ABX-CBL/CD147 CON

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CD147 BINDING MOLECULES AS THERAPEUTICS

the specification of which

(check ☐ is attached hereto
one)

☒ was filed on February 15, 2001
as Application Serial No. 09/784,950
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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			<u>Priority Claimed</u>	
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<u>[]</u> Yes	<u>[]</u> No
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(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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1251 Avenue of the Americas
New York, New York 10020-1104

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Full name of first inventor C. Geoffrey Davis

First Inventor's signature _____ Date _____

Residence 1132 Vancouver Avenue, Burlingame, CA 94010

Citizenship United States

Post Office Address 1132 Vancouver Avenue,
Burlingame, CA 94010

Full name of second joint inventor Russell W. Blacher

Second Inventor's signature _____ Date _____

Residence 16800 Columbia Drive, Castro Valley, CA 94552

Citizenship United States

Post Office Address 16800 Columbia Drive,
Castro Valley, CA 94552

Full name of third joint inventor Jose R. Corvalan

Third Inventor's signature  6/29/2001
Date

Residence 125 Williams Lane, Foster City, CA 94404

Citizenship United States

Post Office Address 125 Williams Lane, Foster City, CA 94404

Full name of fourth inventor Alan R. Culwell

Fourth Inventor's signature _____
Date

Residence 290A Hemlock Avenue, Carlsbad, CA 92008

Citizenship United States

Post Office Address 290A Hemlock Avenue, Carlsbad, CA 92008

Full name of fifth joint inventor Larry L. Green

Fifth Inventor's signature _____
Date

Residence 70 Crestline Dr. Apt. 12, San Francisco, CA 94131

Citizenship United States

Post Office Address 70 Crestline Dr., Apt. 12,
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Full name of sixth joint inventor Joanne Hales

Sixth Inventor's signature _____
Date

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Citizenship Great Britain

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Full name of ninth joint inventor John A. Dipani
Ninth Inventor's signature _____

Date _____

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Full name of tenth joint inventor Qiang Liu
Tenth Inventor's signature _____

Date _____

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Full name of eleventh joint inventor Richard F. Weber
Eleventh Inventor's signature _____

Date _____

Residence 2537 Pacheco Street, San Francisco, CA 94116Citizenship United StatesPost Office Address 2537 Pacheco Street, San Francisco, CA 94116

Full name of twelfth joint inventor Xiao-Dong Yang
Twelfth Inventor's signature _____

Date _____

Residence 2833 Bryant Street, Palo Alto, CA 94306Citizenship ChinaPost Office Address 2833 Bryant Street, Palo Alto, CA 94306



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_____ Date

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Citizenship United States

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_____ Date

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Full name of third joint inventor Jose R. Corvalan
Third Inventor's signature _____ Date _____

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Post Office Address 125 Williams Lane, Foster City, CA 94404

Full name of fourth inventor Alan R. Culwell
Fourth Inventor's signature _____ Date _____

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Full name of fifth joint inventor Larry L. Green
Fifth Inventor's signature _____ Date _____

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Full name of sixth joint inventor Joanne Hales
Sixth Inventor's signature _____ Date _____

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Citizenship Great Britain
Post Office Address 5180 Selma Avenue, Fremont, CA 94536

Full name of seventh joint inventor Nancy Havrilla
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Full name of ninth joint inventor John A. Dipani
Ninth Inventor's signature _____

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Full name of twelfth joint inventor Xiao-Dong Yang
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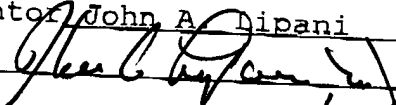
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